

AVC Max Membrane

Self-adhered Fiberglass Reinforced SBS Modified Membrane for Air & Vapour Control



FEATURES

Polymer Modified Asphalt
Fiberglass Reinforced
Self-Adhesive Backing
Trilaminate Woven Polyethylene Surface

BENEFITS

- Self-sealing, resists air & vapour intrusion in the field and at transitions
- Tough yet pliable, able to resist splits & tears
- Odor-free and fast application
- Slip resistant and compatible with insulation adhesive

DESCRIPTION

Tremco AVC Max is a SBS modified asphalt membrane with a slip-resistant, trilaminate, woven polyethylene top surface. The bottom is composed of a unique fiberglass reinforcement embedded within a self-adhesive bituminous compound, and an easy-to-peel, split silicone release liner backing. Tremco AVC Max is asbestos free and exceeds the performance requirements for ASTM D1970.

BASIC USES

Tremco AVC Max is designed for application to concrete, metal, wood or thermal barriers for use as an air and vapour barrier membrane in a low slope roof membrane assembly. Tremco AVC Max may be applied at temperatures as low as 4.4°C (40°F), and can be left exposed for up to 60 days. Refer to UL Roofing Materials & Systems Directory for applicable roof system configuration.

PACKAGING

Tremco AVC Max is available as a 47 mil (1.2 mm) thick membrane which covers 3.16 SQ (29.35 m²) when applied, with roll dimensions of 1m x 32m (39 3/8" x 105') and with 75 mm (3 in) selvedge. Tremco AVC Max weighs approximately 36.2 kg (80 lbs) per roll and is available in pallets with 20 rolls per pallet.

STORAGE

Tremco AVC Max should be tarped or stored out of direct sunlight prior to installation.

Preparation: Remove all dirt, dust and other loose debris from the surface. All surfaces must be sound, clean, dry and free of contamination (including grease and oil) and free of sharp protrusions, fins and voids. Apply Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB) and allow to dry prior to membrane application.

APPLICATION

Application: Cut the membrane into manageable lengths and relax prior to application. End laps on steel decks require a metal plate to support the lap between the deck ribs. Beginning at the low point, roll out and align membrane and proceed in shingle fashion. Carefully remove, at a 90° angle, the split release liner on the underside. Replace the membrane with the exposed rubberized asphalt adhesive onto the deck and press firmly into place. Use a 75lb weighted roller to ensure positive full contact.

Repeat process by overlapping additional membranes at least 75mm (3") along the sides and at least 150mm (6") at the end laps. Apply Tremco- approved mastic or sealant at all penetrations and lap joints not oriented to shed water.

Unique markings on AVC Max facer provides a quick guide for applying low rise foam insulation adhesive. Markings are 1/2" wide and spaced 12" apart. When centered over a standard metal deck, markings will be aligned with flutes.

LIMITATIONS

Not suitable for hot asphalt application to top surface.

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PHYSICAL PROPERTIES

| Property | Typical Value | Test Method |
|--|--|------------------|
| Tensile Strength | 70 lbf/in (12.25 kN/m) MD 80 lbf/in (14 kN/m) XMD | ASTM D5147 |
| Tear Resistance | 125 lbf (556 N) MD 110 lbf (489 N) XMD | ASTM D1970 |
| Adhesion to Plywood @ 73.4° F (23° C) | 25 lb/ft (11.5 kgf/30.5 cm) | ASTM D1970 |
| Elongation at Break @ 73.4° F (23° C) | 20% MD 13% XMD | ASTM D1970 |
| Permeance | 0.02 perms (1.1 ng/Pa•s•m ²) | ASTM E96/D1970 |
| Thickness | 46 mils (1.2 mm) | ASTM D1970 |
| Resistance to Water leakage (Sealability around nail) | Pass | ASTM D7349/D1970 |
| Low Temperature Flexibility | Pass | ASTM D1970 |

MAINTENANCE

Your local Tremco Roofing sales representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventative maintenance are all part of a sound roof program.

PRECAUTIONS

Users must read container labels and Safety Data Sheets for health and safety precautions prior to use.

TECHNICAL SUPPORT

Your local Tremco Roofing sales representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.



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